

COMBINED DECLARATION OR PATENT APPLICATION AND POWER OF ATTORNEY
(Includes Reference to PCT International Applications)

ATTORNEY'S DOCKET NUMBER
1807

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.
 I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

A Repeater/Switch For Distributed Arbitration Digital Data Buses

the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No. _____

on _____

and was amended

on _____ (if applicable).

☒ was filed as PCT international application

Number PCT/US90/01468

on 19 March 1990

and was amended under PCT Article 19

on 10 July 1991 (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. 119:

COUNTRY (if PCT indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO
			<input type="checkbox"/> YES <input type="checkbox"/> NO

Combined Declaration For Joint Application and Power of Attorney (Continued)	1807
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I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application(s) and the national or PCT international filing date of this application.

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. 120:

U.S. APPLICATIONS		STATUS (Check one)		
U.S. APPLICATION NUMBER	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.		
PCT APPLICATION NO.	PCT FILING DATE	U.S. SERIAL NUMBERS ASSIGNED (if any)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number)

Donald E. Schreiber, Reg. No. 29,435
 Thomas G. Scavone, Reg. No. 26,801
 Raymond P. Niro, Reg. No. 24,131
 Joseph N. Hosteny, Reg. No. 28,020

Send Correspondence to:
 Niro, Scavone, Haller & Niro
 181 West Madison St., Suite 4600
 Chicago, Illinois 60602-4515

Direct Telephone Calls to:
 (name and telephone number)
 Donald E. Schreiber
 (415) 856-7907

201	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE, COUNTRY
202	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE, COUNTRY
203	FULL NAME OF INVENTOR	FAMILY NAME	FIRST GIVEN NAME	SECOND GIVEN NAME
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP
	POST OFFICE ADDRESS	POST OFFICE ADDRESS	CITY	STATE & ZIP CODE, COUNTRY

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

SIGNATURE OF INVENTOR 201	SIGNATURE OF INVENTOR 202	SIGNATURE OF INVENTOR 203
DATE 9/14/92	DATE	DATE

8. I and I, Barbara L. Barrie declare that I am a resident - San Rafael, California 8/84
and that we are 8/84
we believe, to the best of our information and 8/84
knowledge

DOCKET NO. 1807

8/84 JB
DECLARATION BY AN EXECUTOR

James A. Moore
I, ~~Barbara L. Barrie~~ declare that I am a citizen of the United States and a resident of San Rafael, California, ~~that I am~~ the 8/84 JB
executors of the last will and testament of Botond Gabor Eröss, 8/84 JB
deceased, late a citizen of the United States and a resident of Palo Alto, California, that I ~~truly believe~~ Botond Gabor Eröss to be one of the original and first inventors of the invention entitled "A Repeater/Switch for Distributed Arbitration Digital Data Buses" described and claimed in the specification which was filed as PCT international application no. PCT/US90/01468 on 19 March 1990 and was amended under PCT Article 19 on 10 July 1991; that I do not know and do not believe that the same was ever known or used in the United States of America before the invention thereof by Botond Gabor Eröss, or patented or described in any printed publication in any country before the invention thereof, or more than one year prior to the filing of the PCT international application, or in public use or on sale in the United States of America more than one year prior to the filing of the PCT international application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of the PCT international application in any country foreign to the United States of America on an application filed by Botond Gabor Eröss, or his legal representatives or assigns more than twelve months prior to the filing of the PCT international application; that I acknowledge my duty to disclose information of which I am aware which is material to the examination of this application, and that no application for patent or inventor's certificate on said invention has been filed by Botond Gabor Eröss, or his representatives or assigns in any country foreign to the United States of America except Canada.

The undersigned hereby appoints Donald E. Schreiber, Reg. No. 29,435, an attorney admitted to practice before the Supreme Court of the State of California; and Raymond P. Niro, Reg. No. 24,131; Thomas G. Scavone, Reg. No. 26,801; Joseph N. Hosteny, Reg. No. 28,020; Robert A. Vitale, Jr., Reg. No. 32,319; Samuel L. Albertstadt, Reg. No. 32,766; and John C. Janka, Reg. No. 32,996, all attorneys admitted to practice before the Supreme Court of the State of Illinois (who are all associated with the firm of NIRO, SCAVONE, HALLER & NIRO, a professional corporation, located at 181 West Madison St., Suite 4600, Chicago, Illinois 60602-4515, (312) 236-0733) attorneys for the estate of Botond Gabor Eröss to prosecute this application for letters patent, with full power of substitution and revocation, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any patent issuing thereon.

8/84 JB we ~~are~~ hereby declare that all statements made herein of ~~my~~ own 8/84 JB
knowledge are true and that all statements made on information and

DOCKET NO. 1807

belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States Code, § 1001, and that such willful false statements may jeopardize the validity of the present application or any patent issued thereon.

James A. Hoover
James A. Hoover
439 Bamboo Terrace
San Rafael, California 94903

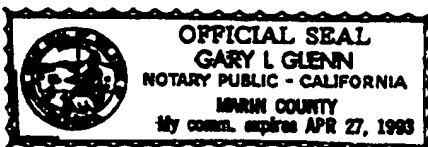
Barbara L. Barrie
Barbara L. Barrie
639 Bamboo Terrace
San Rafael, California 94903

Date: September 16, 1992

Date: September 16, 1992

State of Cal. Fennia)
County of Marin) SS:

On September 16, 1992, before me, Gary L. Glenn, a notary public, personally appeared Barbara L. Barrie, personally known to me, or proved to me on the basis of satisfactory evidence, to be the person whose names are subscribed to the within instrument and acknowledged that they executed the same in their authorized capacities, and that by their signatures on the instrument the person, or the entity on behalf of which the person acted, executed the instrument.



[Signature]
NOTARY

INTERNATIONAL SEARCH REPORT

International Application No PCT/US90/01468

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ³ According to International Patent Classification (IPC) or to both National Classification and IPC IPC(5): G06F13/40 U.S.CL.: 364/200								
II. FIELDS SEARCHED <div style="text-align: center; margin-top: 10px;">Minimum Documentation Searched ⁴</div> <table style="width: 100%; border: none;"> <tr> <td style="width: 30%; border: none;">Classification System</td> <td style="border: none;">Classification Symbols</td> </tr> <tr> <td style="border: none; padding-top: 20px;">U.S.</td> <td style="border: none; padding-top: 20px;">364/200,900 (MS FILE)</td> </tr> </table> <div style="text-align: center; margin-top: 10px;">Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁵</div>			Classification System	Classification Symbols	U.S.	364/200,900 (MS FILE)		
Classification System	Classification Symbols							
U.S.	364/200,900 (MS FILE)							
III. DOCUMENTS CONSIDERED TO BE RELEVANT ¹⁴ <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 10%;">Category ⁶</th> <th style="width: 60%;">Citation of Document, ¹⁶ with indication, where appropriate, of the relevant passages ¹⁷</th> <th style="width: 30%;">Relevant to Claim No. ¹⁸</th> </tr> </thead> <tbody> <tr> <td style="text-align: center; vertical-align: top; padding: 10px;">X</td> <td style="padding: 10px;">US,A, 4,604,689 (BURGER) 5 August 1986, SEE ABSTRACT AND FIGURES 1 AND 2.</td> <td style="text-align: center; vertical-align: top; padding: 10px;">1,5</td> </tr> </tbody> </table>			Category ⁶	Citation of Document, ¹⁶ with indication, where appropriate, of the relevant passages ¹⁷	Relevant to Claim No. ¹⁸	X	US,A, 4,604,689 (BURGER) 5 August 1986, SEE ABSTRACT AND FIGURES 1 AND 2.	1,5
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X	US,A, 4,604,689 (BURGER) 5 August 1986, SEE ABSTRACT AND FIGURES 1 AND 2.	1,5						
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>[*] Special categories of cited documents: ¹⁵</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> </div> <div style="width: 45%;"> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"A" document member of the same patent family</p> </div> </div>								
IV. CERTIFICATION <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none; vertical-align: top;"> Date of the Actual Completion of the International Search ¹ <div style="text-align: center; margin-top: 10px;">25 MAY 1990</div> </td> <td style="width: 50%; border: none; vertical-align: top;"> Date of Mailing of this International Search Report ² <div style="text-align: center; margin-top: 10px; font-size: 1.2em;">16 OCT 1990</div> </td> </tr> <tr> <td style="border: none; vertical-align: top;"> International Searching Authority ¹ <div style="text-align: center; margin-top: 10px;">ISA/US</div> </td> <td style="border: none; vertical-align: top;"> Signature of Authorized Officer ³ <div style="text-align: center; margin-top: 10px;"> Raulfe B. Zache NGUYEN NGOC-HO INTERNATIONAL DIVISION </div> </td> </tr> </table>			Date of the Actual Completion of the International Search ¹ <div style="text-align: center; margin-top: 10px;">25 MAY 1990</div>	Date of Mailing of this International Search Report ² <div style="text-align: center; margin-top: 10px; font-size: 1.2em;">16 OCT 1990</div>	International Searching Authority ¹ <div style="text-align: center; margin-top: 10px;">ISA/US</div>	Signature of Authorized Officer ³ <div style="text-align: center; margin-top: 10px;"> Raulfe B. Zache NGUYEN NGOC-HO INTERNATIONAL DIVISION </div>		
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International Searching Authority ¹ <div style="text-align: center; margin-top: 10px;">ISA/US</div>	Signature of Authorized Officer ³ <div style="text-align: center; margin-top: 10px;"> Raulfe B. Zache NGUYEN NGOC-HO INTERNATIONAL DIVISION </div>							



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

US APPLICATION NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
07/923,996	GAPFORD	LES/RBL

DONALD E. SCHREIBER
THE LAW OFFICES OF DONALD E. SCHREIBER
P.O. BOX 64150
SUNNYVALE, CA 94088-4150

INTERNATIONAL APPLICATION NO.	
PCT/US90/01468	
I.A. FILING DATE	PRIORITY DATE
19 March 1990	none

DATE MAILED: 10 Feb. 1995

NOTIFICATION OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C. 371
AND 37 CFR 1.494 OR 1.495

1. The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as ☐ a Designated Office (37 CFR 1.494), ☒ an Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is **ACCEPTED** for national patentability examination in the United States Patent and Trademark Office.

2. The United States Application Number assigned to the application is shown above and the relevant dates are:

16 AUG 1993 16 AUG 1993
35 U.S.C. 102(e) DATE DATE OF RECEIPT OF
35 U.S.C. 371 REQUIREMENTS

3. ☒ A request for immediate examination under 35 U.S.C. 371(f) was received on 18 SEP 1993 and the application will be examined in turn.

4. The following items have been received:

- ☒ U.S. Basic National Fee.
- ☒ Copy of the international application in:
 - ☐ non-English language.
 - ☒ English.
- ☒ Translation of the international application into English.
- ☒ Oath or Declaration of inventor(s) for DO/EQ/US.
- ☐ Copy of Article 19 amendments. ☐ Translation of Article 19 amendments into English.
 - The Article 19 amendments ☐ have ☐ have not been entered.
- ☒ The International Preliminary Examination Report in English and its Annexes, if any.
- ☒ Translation of Annexes to the International Preliminary Examination Report into English.
 - The Annexes ☒ have ☐ have not been entered.
- ☐ Preliminary amendment(s) filed _____ and _____
- ☐ Information Disclosure Statement(s) filed _____ and _____
- ☐ Assignment document.
- ☒ Power of Attorney and/or Change of Address.
- ☐ Substitute specification filed _____
- ☐ Verified Statement Claiming Small Entity Status.
- ☐ Priority Document.
- ☒ Copy of the Search Report ☒ and copies of the references cited therein.
- ☐ Other:

A Filing Receipt (PTO-103X) will be issued for the present application in due course. Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

Paulette Kedwell
Telephone: (703) 305 3656

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Thomas A. Gafford, et al.

Docket No. 1807CON2

Serial No.: 09/677,853

Filed : October 3, 2000

For : A REPEATER/SWITCH FOR DIGITAL
ARBITRATION DIGITAL DATA BUSES

Art Unit : Unknown

Examiner: Unknown

Commissioner of Patents
Washington, D.C. 20231

APPOINTMENT OF ATTORNEY

I, THOMAS A. GAFFORD, as a joint inventor on the patent application identified above and as the assignee of my co-inventor's entire interest therein, declare as follows:

1. I am the sole owner of all right, title, and interest in and to the patent application identified above; and
 2. therefore, both as one of the applicants named on the patent application identified above and as the assignee of my co-inventor's entire right, title and interest therein, I hereby revoke the appointment of:
 - a. Donald E. Schreiber, Reg. No. 29,435;
 - b. Thomas G. Scavone, Reg. No. 26,801;
 - c. Raymond P. Niro, Reg. No. 24,131; and
 - d. Joseph P. Hosteny, Reg. No. 28,020;
- all of the law firm of:

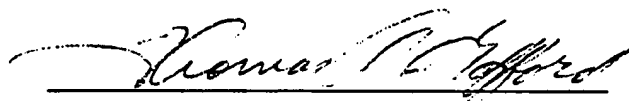
Niro, scavone, Haller & Niro
181 West Madison St., Suite 4600
Chicago, Illinois 60602-4515

as my attorney to prosecute the patent application identified above, and hereby appoint Donald E. Schreiber, Reg. No. 29,435, my attorney with full power of substitution and revocation, to prosecute this patent application, to transact all business in the Patent and Trademark Office in connection therewith, and to receive any issued patent.

Please forward all future correspondence regarding this patent application directly to:

Donald E. Schreiber, Esq.
Donald E. Schreiber A Professional Corporation
Post Office Box 64150
Sunnyvale, California 94088-4150

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.


Thomas A. Gafford

Dated: Jan 5, 2001

CERTIFICATE UNDER 37 CFR 3.73(b)Applicant: Thomas A. Gafford, et al.Application No.: 09/677,853Filed: October 3, 2000Entitled: A REPEATER/SWITCH FOR DIGITAL ARBITRATION DIGITAL DATA BUSESThomas A. Gafford

a

Individual

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of an undivided part interest

in the patent application identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 6066, Frame 516, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

Jan 5, 2001
Date

Thomas A. Gafford
Signature

Thomas A. Gafford

Typed or printed name